

Jacob Thompson

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Professional Summary

- Proficient in performing network penetration testing using tools and techniques such as TCP/IP, DNS enumeration, SMB relay, and LLMNR poisoning, and experienced in analyzing network traffic using Wireshark and other similar tools.
- Familiarity with various operating systems such as Windows, Linux, and macOS, and the ability to perform basic system administration tasks.
- Solid understanding of web application architecture, and experience with testing techniques such as SQL injection, cross-site scripting (XSS), and parameter tampering.
- Strong analytical and problem-solving skills, and the ability to think creatively to identify and exploit vulnerabilities.
- Experience with network penetration testing using tools such as Nmap, Netcat, tcpdump, Wireshark, and Metasploit to identify vulnerabilities and exploit them in a controlled manner. Good communication and documentation skills, and the ability to clearly explain technical issues to non-technical stakeholders.
- Passion for cybersecurity and a desire to continuously learn and keep up with the latest trends and technologies in the field.

Certification

- PJPT, ITIL v4, A+, Network+, Security+, Project+, LPI Linux, Cisco CCNA, AWS Certified Cloud Practitioner, AWS Certified SysOps Administrator

Relevant Skills

- 90% through TJNull's OSCP Hack the Box Preparation guide.
- Languages: Bash, Python, Ruby, Go, PowerShell
- Home Lab for Security research
- Leadership

Education

- B.S., Network Operations and Security, WGU
- A.A.S, Information Technology, UoP

Professional Experience

Infrastructure Engineer, Nine Mile Falls School District

July 2022-Present

- Administer computer hardware and network of assigned systems.
- Performed internal penetration test on company network.
- Conducted Phishing program on a continuous basis, providing remedial training for those that fell victim to the attack.
- Successfully transitioned the district to an Asset Management system that resulted in a cost savings of \$10,000+ per year.
- Successfully transition environment from On-premises management to Azure based hybrid environment.
- Manage Devices within G-Suite, JAMF and Azure.

- Involved in the development and implementation of automation of processes and reporting.
- Involved with budgeting, research, planning, and execution of physical security upgrades to district owned buildings. To include camera systems, door access, and alarm systems.
- Develop Policies for school appropriate web browsing and monitor and adjust as needed.
- Responsible for Active Directory and Group Policies development and implementation.

Technology Support Specialist, Spokane Public Schools

January 2019 to July 2022

- Served as the main IT contact for six schools supporting approximately 5000 students and teachers and more than 10,000 devices.
- Install, configure, and deploy, Windows, Mac, and necessary applications in both a physical and virtual environment.
- Troubleshoot issues that may arise via telephonic support, email, remote desktop, over the shoulder and personal involvement.
- Track issues and provide support via a ticketing system.
- Set apart from my peers for ability to close over 3000 tickets a year with a 95% 24-hour closure rate.
- Assisted in the creation, and major contributor to documentation and instructional videos provided to customers for support.

Helpdesk Technician, Spokane Public Schools

December 2017 to December 2018

- Troubleshoot issues that may arise via telephonic support, email, remote desktop, over the shoulder and personal involvement.
- Track issues and provide support via a ticketing system.
- Responsible for Hotel and Casino help desk operations in a 24-hour environment.

Assistant Store Manager, CLC Restaurants

November 2016 to December 2017

- Maintain fast accurate service and positive guest relations.
- Assisted in profit and loss management by following cash control/security procedures, maintain inventory, managing labor costs, reviewing financial reports, and taking appropriate actions.
- Ensured company and state standards on equipment, facilities and grounds are maintained using a preventative maintenance schedule.

Senior Field Engineer, Raytheon

October 2012 to December 2015

- Configure and use VMware Infrastructure to include vSphere, ESXi and vCenter Technologies.
- Troubleshoot RAID hardware as well as other Network Attached Storage, and Storage area network devices.
- Managing Active Directory and Group Policies
- Design, implement, and update networks which included but not limited to Making ethernet cable, configuring hardware and software firewalls, configuring Cisco switches and routers, and documentation.
- Provide technical write ups for work accomplished and instructions for any problems encountered.
- Work with foreign military officials using a translator to accomplish complex mission goals.

Publications, Presentations, Whitepapers, and Community Involvement

Mentor, CyberPatriot, 2016-2020

Coach, CyberPatriot, 2020-Current

Brought a team to National competition three years in a row.

Streamer, Gereshk_pnw, Streaming Hack the box and TryHackMe, NOV 2019-Current

YouTube, Gereshk Post walkthroughs of Hack the Box and TryHackMe, NOV 2019-Current

Infosec blog, Writeups of various personal infosec activities, NOV 2022- Current